

## ABSTRACT OF THE DISCLOSURE

Immunogenic compositions composed of poxvirus immunogens and related methods are disclosed. Specifically, immunogenic compositions useful in eliciting immune responses in animals are disclosed. In one embodiment the immunogenic compositions include viral antigens derived from vaccinia and/or variola that elicit cross-reactive immune responses. The immunogens can be made synthetically, by using recombinant DNA technology or derived from purified virus. Moreover, methods of using the immunogenic compositions are also disclosed.